11078310_LIST.txt PLUS Search Results for S/N 11078310 Searched Oct 29, 2007.
The Patent Linguistic Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA. 5575392 7225140

11078310_WEST.txt

).pn.

11078310_EAST.txt

).pn.

```
about 1 above 4
abscissa
absence 2
absolute 1
academic 1
accompanied
accompany 1 account 1
achievable 1
achieve 2
acquire
acquisition 1 action 1
activities activity 3 actual 1
adapt 1
adapts 1
addition 1
adequacy 1
adequate 1
adopted 1
after 1
aid 2
aimed 1 albeit 1
algorithm 14
algorithms 5
allocation 11
allocations 6
almost 1
already 1
alternative 2
alternatives 2
ambiguously 1
among 1
amount 1
analysed 1
analyses 2
analysing 1 analysis 2
analysis
analytically
annexed
ante 7
antiscientific 1
any 4
appear 1
appearing 2
application 2
applications 2
applying 3
appreciable
appreciably 1 appreciate 1
approach 1
appropriate 2
appropriately 2
arithmetic 1
arithmetical 1
art 3
aspects
asset 2
```

assigned 2 associate 1 assume 2 assumes 2 attributed 1 authoritative 1 available 2 awareness backing 2 baker 1 based 5 basically 1 become 1 becomes 1 before 1 below 4 benchmark 1 best 1 between 6 body 1 book 1 bound 1 boundary 4 brain 2 branch 1 but 1 calculate 7 calculated 15 calculating 1 calculation 3 calculations 2 can 7 capitalization 5 carried 1 carries case 7 cases 1 cause 1 certain 2 character 1 characteristics 1 choices 3 clearly 1 cma 1 coconut 3 coefficient 1 coefficients cognitive 2 combinations come 1 committed 1 compared 1 complementary 2 comprised 1 comprising 1 concept 1 concrete 1 connection 2 consensus 1 consequently 4 consider 2 considerably 1 considered 6

consistent 1 constitute 1 constrained 1 constraints 6 constructed 1 contained 1 contiguous continue 1 continuous 2 contribution 1 control 9 converted 2 convex 1 correct 5 corrective 4 correctness 2 correlation 11 correlations 6 correspond 1 counter 1 course 2 covariances 1 covariation create 1 creating 3 currently 1 curve 1 daily 3 data 6 database 6 date 6 dates 2 deemed 1 define 2 defined 8 defining 2 definition 6 definitions 1 degree 2 democratic 1 demonstrated 1 depart 2 department 1 depends 1 deriving 1 describe 4 describing 1 description designates 1 determine 1 deterministic developed 5 deviation 11 deviations 1 diagram 6 diagrams 1 difference 1 differences differing 1 difficult 1 difficulty 1 discriminate 1 disposal 1

```
distribution 1
divergence 1
diversification 1
dordrecht 1
down 1
downturn 1
downturns 1
drawings 1
drop 1
due 1
duly 2
effective 1
effectiveness
efficiency 6 efficient 5
either 1
elapsed 1
element 5
elements 11
else 1
empirical
enable 5
enables 3
ensured 1
entire 2
entity 1
environments
envisaged 1
epsilon 7
equal 5
error 4
errors 1
estimates 1
estimating 1
etc 3
europe 5
evaluated 1
evaluating 1
evaluation 2
even 2
events 1
evidence 1 evident 1
evolution 5
example 12
exhaustive 1
expectations
expected 17
expert 1
express 1
expressed 7 expression 2
expressions 1 extent 1
extraordinary 1
extremely 1
face 1
fact 5
failure 2
fallacious 1
famous 1
far 2
favour
       1
```

Page 4

```
favourable 2
feed 1
fin 9
final 4
              24
financial
first
followed 1
following 9
follows 7
forecast 41
forecasting 20 forecasts 19
form 4 formalization 1
formalized 1 formally 5 formed 3
forming 1
formula 7
found 5
four 1
frequency 8 frequently 2
fruit 1
full 1
function 8 functions
fundamental
furthermore 2
future 3 general 3
generate 1
generates 1
generation 5
generically
geometrical
give 1
given 23
gives 1
giving 1
global 20
globsol 3
glopt 1
good 4
goodness 1
govern 1
governed 1
grasp 1
half 1
hand 1
hard 1
harm 1
hence 9
hereinafter 2
heuristic 1
hidden 1
highlight 1 himself 1
his 3
historical
homologous 2
how 1 html 1
```

```
http 1
human 3
hypotheses 1
identification 2
identified 3
identify 2
identifying 2
illustrated 3
illustrating impact 1
implementation 2
implementing 1
implements 2
important 2
imposed 1
improve 1
improved 1
incapacity 2 inclined 1
incorporated
incorrect
increase 6
increasing 1
index 11
indication 4
indications 1
indices 20
individual 7
information 5
inherent 1
initial 3
initialized 1
input 1 inputs 4
instead 1
institution 1
insufficiently 1
interdependence 1
internet 1 intervals 3
intrinsically 1
intuitive 1 inverted 5
investment 16
investments
involved 1
isolate 1 italia 2
italy 7 itself
         3
jpm 9
kearfott 1
kind 1
kluwer 1
knowledge
            1
known 2
languages
lead 1
least 2
less 2
let 1
level 2
levels 1
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```
lie 1
likely
limits 1
linear 3
link 1
list 1
listed 2
logarithmic 1
losses 1
louisiana 1
machine 1
made 5
magic 1
main 1
major 1
makes 2
management 5
manner 2
marked 1
market 22
markets 32
markowitz 2
mass 1
mathematical 1
mathematics 1
matrix 10 matter 1
maximization 1
maximize 1 maximum 2
may 7
mean 5
meaning 1 meant 2
measurement 1
measures 2
mechanism 1 mentioned 1
mere 1
method 19
methodologies 1
methodology 1
might 1 miller 1
minimization 2
minimize 1
minimized 1
modalities 1
model 5
models 1
modem 1
modern 1
monitoring
                3
month 67
monthly 8 months 10
more 4
morgan 3
most 2
moving 1
msci 32
much 3
multiple 1
```

Page 7

```
must 6
namely 5
napier 1
natural 1
naturally 1
necessary 4
negatively 1
netherlands 1
neum 1
new 1
next 3
non 5
normal 1
normally 1
number 8
numbers 1
numerical 3
numerosity 1 objective 4
objectively 1
observations 3
obtain 6
obtained 13
occurrence 2
once 3
one 4
ones 1
only 1
operative 2 operator 13
operators 1
opinion 1
opinions 1
optima 2 optimal 4
optimisation
optimization order 7
ordered 2
out 3
output 2
over 11
overcome 1
own 2
pacific
         ĭ
packets
pair 2
parameters 2
part 1
past 1
percentage 4
performance 33
performances 36
performs 1
period 18
periodicity 1
periods 1
point 4
pointed 1
polar 1
portfolio 2
positively
possess 1
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```
possessed 1
possibility
possible
post 3
potential 1
practically
practice 1
pre 1
precisely 2
preparation 1
prepare 1 prepared 1
presented 1 presents 1
preserve 1
prev 7
preventive 1
previous 1
previously 1 principle 1
priori
probabilistic
probabilities
probability
probably 1
problem 5
problems 2
process 4
processes 2
processing 5 processor 1
produce 1 produced 2
products 1
produces
profitability
programming 3
project 2
properties 1
property 1 propose 1
proposing 1 provider 1
providing 1
proxyntetica
                12
pseudo 5
psychologist 1
psychology 1
publication
published 1 publishers 1
              1
purpose 2
qualifies 1
qualities 1
quality 1 quantified 1
quantifying 1 quantitative 5
quantitatively 1
quantities 1
quasi 1
duota 9
quotas 2
random 9
```

```
range 2
rarely 1 rather 1
rationally real 2
reality 1 reason 5
reasonably
reasons 2
reducing 1
reduction 1
reference 1
referred 4
referring
refers
regard 1
regarding
regards 1
related 2
             13
relates 1
relation 4 remains 1
renders 1
replicated 2
replicating
                    2
representation
represented 3 representing 5 represents 10
require 1 required 1
requirements 1
resort 1
respect 2
respectable 1 respective 1 responses 1
          3
result
results 1 review 1
rho 9
rigorous 3
rise 1
risk 19
role
       1
      1
root
same 10
sanction
satisfy 1
scenarios 2
scientific
search 1
second 2
seeds 2
selected 1
selects 1 sense 2
sequence
series 41
set 12
sets 1 show 1
shown 1
```

sibylline 1 sigma 4 signals 1 simple 1 simulation 1 situation 1 six 7 sixty 2 software 8 sole 1 solon 1 solving 1 sources special specific 3 specifically 1 specifications 1 specified 2 square 1 squares 2 standard 12 standpoint stanley 1 start 1 starting 1 starts 1 state 4 stated 1 states 1 statistical 6 steps 3 still 1 strategies strategy 2 strictly 2 structural 1 structuring 1 sub 125 subjected 2 subjective subsequent 1 sum 2 sup 4 supplied 5 swapped 1 symbol 1 synthesis 1 synthetic_ system 7 table 13 tables 1 take 1 takes 1 task 1 taught 1 terms 3 testified thanks themselves theoretical theories 1 theory 3 though 1

```
three 2
time 18
timely 1
times 6
tool 2
tools 14
total 2
toughest 1
traces 1
treated 2
trend 6
trends 8
tsii 1
two 6
typical 1
underlines
unforeseeable
unfortunately 1
unfounded 1
unit 2
university 1
univie 1
unknown 3
until 3
upon 6
upturn 1
usa 8
used 6
useful 1
user 4
using 6
valorising 1
value 5
values 15
var 2
variables 11 variation 2
vary 1
verifiability 1
verification 1
versa 1
vice 1
vision 1
vote 1
walk 1
walks 1
warning 1
way 6
weekly 3
well 1
widely 1 without 1
won 1
work 1
world 5
yield 12
zero 1
```

```
11078310_CLSTITLES.txt
Titles of most frequently occurring classifications of patents returned
     from a search of 11078310 on Oct 29 , 2007
                    (5 OR, 4 XR)
    705/10
          class 705
                         DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
          705/1
                         .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
          705/7
705/10
                         ..Operations research
                         ...Market analysis, demand forecasting or surveying
          (2 OR, 2 XR)
    705/35
                         DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
          705/1
MANAGEMENT ARRANGEMENT
          705/35
                         .. Finance (e.g., banking, investment or credit)
    705/9
                    (4 OR, 0 XR)
          Class 705
                         DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
          705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
          705/7
                         ..Operations research
                         ...Allocating resources or scheduling for an administrative
          705/8
function
          705/9
                          ....Staff scheduling or task assignment
          (2 OR, 2 XR)
Class 705
    705/28
                         DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
          705/28
                         .. Inventory management
     348/E5.006
                    (0 \text{ OR}, 4 \text{ XR})
           Class 348
                         TELEVISION
                          .DETAILS OF TELEVISION SYSTEMS (EPO)
           348/E5.001
                          ..Multimedia set-top circuitry for digital video services
           348/E5.002
(EPO)
                          ... Operative control therefor (EPO)
           348/E5.006
                    (0 OR, 4 XR)
     348/E5.008
           Class 348
                         TELEVISION
           348/E5.001
                          .DETAILS OF TELEVISION SYSTEMS (EPO)
                          ..Multimedia server circuitry for digital video services
           348/E5.008
(EPO)
     348/E7.06
                    (0 \text{ OR}, 4 \text{ XR})
           Class 348
                         TELEVISION
           348/E7.001
                          .TELEVISION SYSTEMS (EPO)
           348/E7.054
                          . Secrecy systems; Subscription systems (EPO)
                         ...Authorizing the user terminal, e.g., by paying;
           348/E7.06
Registering the use of a subscription channel, e.g., billing (EPO)
    348/E7.07
                    (0 \text{ OR}, 4 \text{ XR})
           Class 348
                          TELEVISION
           348/E7.001
                          .TELEVISION SYSTEMS (EPO)
348/E7.054
348/E7.069
selection signal (EPO)
                          ..Secrecy systems; Subscription systems (EPO)
                          ...with two-way working, e.g., subscriber sending a program
           348/E7.07
                          ....Transmission or handling of upstream communications
```

Page 1

(EPO)

```
375/E7.009
                    (0 \text{ OR}, 4 \text{ XR})
          Class 375
                         PULSE OR DIGITAL COMMUNICATIONS
.SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING
          375/E7.001
PULSE CODE MODULATION (EPO)
          375/E7.003
                          ..Bitstream control arrangements (EPO)
                          ...Involving the control of media objects (EPO)
          375/E7.005
                          ....Intellectual Property Rights management and protection
          375/E7.009
therefor (EPO)
          7.024 (0 OR, 4 XR)
Class 375
    375/E7.024
                         PULSE OR DIGITAL COMMUNICATIONS
           375/E7.001
                          SYSTEMS FOR THE TRANSMISSION OF TELEVISION SIGNALS USING
PULSE CODE MODULATION (EPO)
           375/E7.02
375/E7.024
                          ..Bitstream transport arrangements (EPO)
                          ...Involving transporting of additional information over the
bitstream (EPO)
     703/2
                    (3 \text{ OR}, 0 \text{ XR})
           class 703
                                             STRUCTURAL DESIGN, MODELING, SIMULATION,
                         DATA PROCESSING:
AND EMULATION
          703/2
                          .MODELING BY MATHEMATICAL EXPRESSION
          (3 OR, 0 XR)
Class 705
     705/36R
  3
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
          705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
                          ..Finance_(e.g., banking, investment or credit)
           705/35
                          ...Portfolio selection, planning or analysis
           705/36R
          (0 OR, 3 XR)
  3 705/37
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/35
                          .. Finance (e.g., banking, investment or credit)
                          ...Trading, matching, or bidding
           705/37
    379/112.01
                     (0 \text{ OR}, 3 \text{ XR})
           class 379
                          TELEPHONIC COMMUNICATIONS
                          .WITH USAGE MEASUREMENT (E.G., CALL OR TRAFFIC REGISTER)
           379/111
                          ... Call traffic recording by computer or control processor
           379/112.01
          (3 OR, 0 XR)
Class 705 DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
  3 705/8
OR COST/PRICE DETERMINATION
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
           705/1
MANAGEMENT ARRANGEMENT
           705/7
                          ..Operations research
                          ...Allocating resources or scheduling for an administrative
           705/8
function
                     (0 \text{ OR}, 3 \text{ XR})
  3 705/53
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
           class 705
OR COST/PRICE DETERMINATION
           705/50
                          .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/51
                          .. Usage protection of distributed data files
           705/52
                          ... Usage or charge determination
                          ....Including third party for collecting or distributing
           705/53
```

payment (e.g., clearinghouse)

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11078310_CLSTITLES.txt
                     (3 OR, 0 XR)
  3
    73/587
           Class 73
                          MEASURING AND TESTING
           73/570
73/584
                          .VIBRATION
                          .. By mechanical waves
           73/587
                          ...Acoustic emission
  2 705/2
                     (1 OR, 1 XR)
           Class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/1
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
           705/2
                          ...Health care management (e.g., record management, ICDA
billing)
  2 705/7
                     (1 \text{ OR}, 1 \text{ XR})
           class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
                          .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
           705/1
MANAGEMENT ARRANGEMENT
           705/7
                          ..Operations research
                     (1 OR, 1 XR)
    705/57
           class 705
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/50
                           .BUSINESS PROCESSING USING CRYPTOGRAPHY
           705/51
                           ..Usage protection of distributed data files
           705/57
                          ...Copy protection or prevention
           (1 OR, 1 XR)
Class 705
    705/80
                          DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
           705/80
                           .ELECTRONIC NEGOTIATION
                     (2 OR, 0 XR)
     206/534
           Class 206
                          SPECIAL RECEPTACLE OR PACKAGE
           206/528
                           .FOR AMPULE, CAPSULE, PELLET, OR GRANULE
           206/534
                           .. with indicia or indicator
     206/533
                     (0 \text{ OR}, 2 \text{ XR})
           Class 206
206/528
206/538
206/539
                          SPECIAL RECEPTACLE OR PACKAGE
                           .FOR AMPULE, CAPSULE, PELLET, OR GRANULE
                           ...Compartmented
                           ...Single unit
           206/533
                           .... with limited access via radial face of "pill box"
     206/538
                     (0 \text{ OR}, 2 \text{ XR})
           Class 206
                          SPECIAL RECEPTACLE OR PACKAGE
           206/528
                           .FOR AMPULE, CAPSULE, PELLET, OR GRANULE
           206/538
                           ... Compartmented
     702/3
                     (1 \text{ OR}, 1 \text{ XR})
           Class 702
                          DATA PROCESSING: MEASURING, CALIBRATING, OR TESTING
           702/1
                           .MEASUREMENT SYSTEM IN A SPECIFIC ENVIRONMENT
           702/2
                           ..Earth science
           702/3
                           ...Weather
     73/594
                     (0 \text{ or}, 2 \text{ xr})
           Class 73
                          MEASURING AND TESTING
           73/570
                           .VIBRATION
           73/584
                           ..By mechanical waves
```

...Soil or building structure

73/594

11078310_CLS.txt Most frequently occurring classifications of patents returned from a search Of 11078310 on Oct 29 , 2007

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Original Classifications
5 705/10
4 705/9
3 703/2
3 705/36R
         3333222
                        705/8
                        73/587
                       705/35
705/28
206/534
 Cross-Reference Classifications
                       705/10
348/E5.006
         4
                       348/E5.006
348/E5.008
348/E7.06
348/E7.07
375/E7.009
375/E7.024
705/37
379/112.01
705/53
705/35
705/28
206/533
206/538
73/594
         44444333222222
                        73/594
Combined Classifications

9 705/10

4 705/35

4 705/9

4 705/28

4 348/E5.006

4 348/E5.008

4 348/F7.06
         4444433333333222222222
                       348/E5.008
348/E7.06
348/E7.07
375/E7.009
375/E7.024
703/2
705/36R
705/37
379/112.01
705/8
705/53
73/587
                        705/53
73/587
705/2
705/7
705/57
705/80
206/534
206/533
206/538
702/3
                        73/594
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11078310_QUAL.txt

20060015430 6778929 50	63
07/8929 50 20050033563 20060206357 20060206365 20040236656 5185780 43 5289368 43 5325292 43 5325292 43 6205431 43 6032125 43 6032125 43 6253193 40 6363488 40 6389402 40	ı
6427140 40 20070078738	
20070078739	40 40
7181978 38 20050137830	38
4334617 38 5575392 38	
6428785 38	
6476046 38 6937966 38	
7249007 38 20040090955	38
6192346 37	
4367527 37 4580814 37	
5467355 37	
5615109 37 5960415 37	
6164128 37 6178451 37	1
6587831 37 6920789 37	•
7062361 37	•
7096735 37 7212922 37	,
7225140 37	
20020069147 20040000194	37 37
20040044595	37
20040230472 20050096961	37
20050234645 20060140368	37 37 37 37 37
20060178929	
20060178955	37